

# Department of Economic Development "Green Sustainable Cities" Design for Lean Sigma Report Out

#### **Team Members**





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# Purpose



 This event will create a framework to direct DED Community Development resources to support the development of green sustainable communities

# **Objectives**



- Define "green" and "sustainable" terms
- Define and develop a plan to establish a clearinghouse for sustainable communities
- Identify education needs and a strategy to provide education to existing program staff and stakeholders on green concepts
- Identify collaborative opportunities among seven DED Community Development teams
- Identify collaborative opportunities with local, state and federal entities
- Identify Green Cities' stakeholders

# **Objectives**



- Identify Green Best Practices
- Define success by identifying benchmarks, measurables, etc.
- Develop criteria for decision making
- Develop and prioritize short and long term goals
- Define available resources, including technical assistance

# **Objectives**



- Develop pilot project outline
- Develop a shared vision of a model green sustainable community
- Develop DED green practices
- Develop a roll out plan

# Top 10 Themes



- Self-sustaining Towns/Neighborhoods
- Universal set of Iowa Standards
- Energy efficiency fossil fuel free
- Green Education
- Recycle, Reuse, Renew
- Mass Transit
- Water conservation
- Green Jobs
- Cultural Change
- Long-term planning

## **Green Cities Initial Focus:**



- Community Development Block Grant (CDBG)
- Housing Assistance
- City Development Board
- Downtown Resource Center
- Iowa Commission on Volunteer Service (ICVS)
- Iowa Tourism Office
- Investment Management

#### **CDBG**



- Storm water Pilot project
  - Identify fund Implement a project that demonstrates storm water quality management practice
  - Amount of discharge from system
  - Meet storm water management design standards
- Rule change to incorporate list of best practices
  - Develop and adopt new program rules
  - Rules adopted by IDED
  - Team staff

#### **CDBG**



- Incorporate green practices into CDBG workshops
  - Conduct statewide workshops that introduce new program rules
  - Applicants and communities understand requirements and goals
  - Successful project using green practices

#### **CDBG**



- Work with IDED green cities staff to develop and promote workshops on community sustainability
  - Conduct statewide workshops to introduce concepts
  - Applicants and communities understand sustainable concepts
  - Potential joint sponsorships from other green groups

# Housing Assistance



- Create pilot program that showcase the Green concepts set aside funds
- Discover best practices second-floor, new construction, rehab, construction
- Educate builders to look at infiltration i.e. rain gardens
- Incentives for adopting and enforcing building codes
- Raise the bar energy conservation standards and efficiency standards
- Adjust our program rules and expectations to meet Green objectives

# Housing Assistance



- Promote incentives for walkable neighborhoods
- Promote technical and sustainable success stories
- LEED type standards for construction and rehabilitation
- More workers to be trained to conduct assessments for homes
- Outreach to design community, builders, inspectors, developers, local officials, COGS

# City Development Board



- Get feedback from Community Development Board
  - Which factors do they want to adopt
  - How does CDB see it's role in Green Initiative
  - Get Best Practices with other IDED teams
    - Success stories around the country
- Prepare information library

# City Development Board



- Present new requirements to cities, COGS, Planners, League of Cities, IMFOA
- Propose any legislative changes
- Greater statewide understanding by policymakers of the benefits to the environment

#### **Iowa Tourism Office**



- Combine/Coordinate Trail Funds (DOT, DNR, Fed Funds) Vision Iowa/CAT type program
- Regional Trail Authority-Fee supported area
- Promote/Green Tourism "Green October", Hospitality Sites, Market, Success stories, Ecotourism, etc.
- Promote Energy Efficiency measures tourist sites/attractions
- Water Retention/Storm water management at sites/attractions

#### **Iowa Tourism Office**



- Create Pilot Tourism sites showcasing sustainability
- Recycling education at Welcome Centers/Attractions
- Promote Incentives for Walkable Neighborhoods/Attractions
- Provide technical assistance in becoming a "green" site/attraction
- Educate leadership on green ideas, technologies

#### Administration



- Embrace Green as an Agency
  - Recognized leader in state government on Green
  - All IDED employees are educated and have the "buy in" to the Green concept
  - IDED uses recycling and biodegradable products
  - All conferences are Green
  - Bring in speakers to do a inventory of green office practices

#### Administration



- Develop Community Development Website
   clearinghouse
- Green City Certification partner w/other agencies
- Green Scorecard
  - Develop an Iowa model
  - o Introduce to the state
  - Pilot community to embrace

# Investment Management



- All contracts incorporate green and Smart growth in the language and benchmarks
- Responsible for coordination of all rules for rest of the teams
- New contract template to be designed
- Lend support to mobilize overall "sustainable goals"
- Agency-wide or intra-agency committee to coordinate all Conference Planning, etc for Green Development

#### Iowa Downtown Center



- Green development and sustainability training to promote buy-in
  - 4 regional workshops across Iowa
  - Training on green streetscapes, roofs, community leaders on technology
  - Statewide Conference on Green
- Greater requirements for program selection criteria

#### Iowa Downtown Center



- Develop incentives for Smart Growth green principles
- Require continuing education for Architects/Builders/Designers in order to apply for state programs
- Promote energy efficiency measures and possibilities

## **ICVS**



- Grantees conduct (X) green ed/promo programs per volunteer/year on sustainable community best practices
- Implement demonstration projects
- Revise and issue grant application to reflect green goals
- Develop Green Corps
- Develop Youth Summer Corps
- Train/educate AmeriCorps grantees and volunteers on sustainable community best practices
- Document best practices



# We welcome your questions and comments